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November 26, 2013

VIA ELECTRONIC FILING

Jocelyn G. Boyd Chief Clerk/Administrator Public Service Commission of South Carolina 101 Executive Center Drive, Suite 100 Columbia, SC 29210

Re:

Duke Energy Progress, Inc.

Docket Nos. 2006-176-E and 2006-224-E

Dear Mrs. Boyd:

Pursuant to the Commission's Orders in Docket No. 1977-354-E, enclosed for filing are the following reports for the month of October 2013:

- 1. Monthly Power Plant Performance Report in Docket No. 2006-224-E (Exhibit A);
- 2. Monthly Fuel Report in Docket No. 2006-176-E (Exhibit B).

Should you have any questions regarding this matter, please do not hesitate to contact Brian Franklin at 980.373.4465.

Sincerely,

Timika Shafeek-Horton

Denvity Commission Deputy General Counsel

Enclosures STAREG3140

c:

John Flitter (ORS)

Mr. Scott Elliott

Mr. Garrett Stone

Mr. Gary Walsh

October 2013

The following units had no off-line outages for the month of October 2013:

- Brunswick Unit 1
- Brunswick Unit 2
- Harris Unit 1
- Mayo Unit 1
- Roxboro Unit 2
- Roxboro Unit 3
- Richmond CC 5 (Units 9, 10, and ST5)

Robinson Unit 2

- A) <u>Duration:</u> The unit was taken out of service at 4:11 on September 14, and remained offline for the duration of the month. The unit was offline for 744 hours during the month of October.
- B) Cause: Scheduled Refueling Outage
- C) <u>Explanation:</u> The unit was taken out of service for a scheduled refueling outage. In addition to refueling activities, required maintenance and inspections are being conducted during this outage.
- D) <u>Corrective Action:</u> Planned outage activities were in progress at the end of October.

October 2013

Roxboro Unit 4

- A) <u>Duration:</u> The unit was taken out of service at 7:00 on September 25, and was offline for the remainder of the month. The unit was offline for 744 hours during the month of October.
- B) Cause: Major Turbine Outage and Boiler Inspection
- C) <u>Explanation:</u> The unit was taken out of service for a major turbine outage and boiler inspections.
- D) Corrective Action: Planned outage activities were in progress at the end of October.

Lee CC Unit 1A (part of Lee CC power block)

- A) <u>Duration:</u> The unit was taken out of service at 12:57 on October 26, and was offline for the remainder of the month. The unit was offline for 131 hours and 3 minutes during the month of October.
- B) Cause: Planned Borescope Inspection Outage
- C) <u>Explanation:</u> The unit was removed from service to perform a planned borescope inspection outage.
- D) Corrective Action: Planned outage activities were in progress at the end of October.

Lee CC Unit 1B (part of Lee CC power block)

- A) <u>Duration:</u> The unit was taken out of service at 13:53 on October 26, and was offline for the remainder of the month. The unit was offline for 130 hours and 7 minutes during the month of October.
- B) Cause: Planned Borescope Inspection Outage
- C) <u>Explanation</u>: The unit was removed from service to perform a planned borescope inspection outage.
- D) Corrective Action: Planned outage activities were in progress at the end of October.

Lee CC Unit 1C (part of Lee CC power block)

- A) <u>Duration:</u> The unit was taken out of service at 13:54 on October 26, and was offline for the remainder of the month. The unit was offline for 130 hours and 6 minutes during the month of October.
- B) Cause: Planned Borescope Inspection Outage
- C) <u>Explanation:</u> The unit was removed from service to perform a planned borescope inspection outage.
- D) Corrective Action: Planned outage activities were in progress at the end of October.

Lee CC Unit 1ST (part of Lee CC power block)

- A) <u>Duration:</u> The unit was taken out of service at 13:40 on October 26, and was offline for the remainder of the month. The unit was offline for 130 hours and 20 minutes during the month of October.
- B) Cause: Planned Outage Steam System Valves
- C) <u>Explanation:</u> The unit was removed from service to perform planned maintenance activities and inspections of the steam system valves.
- D) Corrective Action: Planned outage activities were in progress at the end of October.

Richmond County Unit 7 (part of CC4 power block)

Full Planned Outage

- A) <u>Duration:</u> The unit was taken out of service at 1:24 on October 12, and was returned to service at 5:32 on October 18, a duration of 148 hours and 8 minutes.
- B) Cause: Planned Borescope Inspection Outage
- C) <u>Explanation</u>: The unit was removed from service to perform a planned borescope inspection outage.
- D) <u>Corrective Action:</u> Planned outage activities, included borescope inspection, were completed, and the unit was returned to service.

- A) <u>Duration:</u> The unit was taken out of service at 23:43 on October 28, and was offline for the remainder of the month.
- B) Cause: Maintenance Outage Hydraulic Pumps Repairs
- C) <u>Explanation:</u> The unit was removed from service to conduct a maintenance outage to address performance issues with hydraulic pumps.
- D) Corrective Action: Planned outage activities were in progress at the end of October.

Richmond County Unit 8 (part of CC4 power block)

Full Planned Outage

- A) <u>Duration:</u> The unit was taken out of service at 23:27 on October 18, and was returned to service at 15:14 on October 24, a duration of 135 hours and 47 minutes.
- B) Cause: Planned Borescope Inspection Outage
- C) <u>Explanation</u>: The unit was removed from service to perform a planned borescope inspection outage.
- D) <u>Corrective Action:</u> Planned outage activities, included borescope inspection, were completed, and the unit was returned to service.

- A) <u>Duration:</u> The unit was taken out of service at 17:42 on October 24, and was returned to service at 20:30 on October 31, a duration of 170 hours and 48 minutes.
- B) <u>Cause:</u> Maintenance Outage HP Blending Valve Leak
- C) <u>Explanation</u>: The unit was removed from service to conduct a maintenance outage to address a leak on the HP blending valve.
- D) <u>Corrective Action:</u> Maintenance outage activities were conducted to correct the HP steam block valve leak. Upon completion of corrective and preventative maintenance activities, the unit was returned to service.

October 2013

Richmond County Unit ST4 (part of CC4 power block)

- A) <u>Duration:</u> The unit was taken out of service at 22:29 on October 28, and was returned to service at 22:38 on October 31, a duration of 72 hours and 9 minutes.
- B) Cause: Maintenance Outage U8 HP Blending Valve Leak & U7 Hydraulic Pumps
- C) <u>Explanation:</u> The unit was removed from service to perform a maintenance outage to address HP blending valve leak on unit 8, and address issues with the unit 7 hydraulic pumps.
- D) <u>Corrective Action:</u> Upon completion of unit 8 maintenance outage activities to correct the HP blending valve leak, the steam turbine unit was able to return to service, operating in 1-on-1 configuration.

BASE LOAD POWER PLANT PERFORMANCE REPORT Mayo 1 **

	Month of Octob	per 2013	Twelve Month	Summary	See Notes*
MDC	746	MW	736	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	321,489	MWH	2,784,007	MWH	2
Capacity Factor	57.92	%	43.17	%	
Equivalent Availability ***	93.61	%	78.93	%	
Output Factor	60.24	%	58.61	%	
Heat Rate	12,826	BTU/KWH	12,401	BTU/KWH	
	MWH	% of Possible	MWH	% of Possible	
Full Scheduled	0	0.00	1,205,842	18.70	3
Partial Scheduled	0	0.00	18,836	0.29	4
Full Forced	0	0.00	23,293	0.36	5
Partial Forced	35,490	6.39	117,349	1.82	6
Economic Dispatch	198,045	35.68	2,296,170	35.60	7
Possible MWH	555,024		6,449,550		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report. ** Gross of Power Agency

BASE LOAD POWER PLANT PERFORMANCE REPORT Roxboro 2

	Month of Octob	per 2013	Twelve Month	Summary	See Notes*
MDC		MW		A MA/	
	002	10100	062	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	363,872	MWH	3,860,009	MWH	2
Capacity Factor	73.88	%	66.60	%	
Equivalent Availability	100.00	%	95.09	%	
Output Factor	73.88	%	72.24	%	
Heat Rate	10,240	BTU/KWH	10,479	BTU/KWH	
	MWH	% of Possible	MWH 	% of Possible	
Full Scheduled	0	0.00	218,571	3.77	3
Partial Scheduled	0	0.00	1,352	0.02	4
Full Forced	0	0.00	55,482	0.96	5
Partial Forced	0	0.00	8,529	0.15	6
Economic Dispatch	128,656	26.12	1,651,486	28.50	7
Possible MWH	492,528		5,795,470		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Roxboro 3

	Month of Octob	per 2013	Twelve Month	Summary	See Notes*
MDC	705	MW	700	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	209,832	MWH	2,448,146	MWH	2
Capacity Factor	40.00	%	39.92	%	
Equivalent Availability	98.99	%	82.30	%	
Output Factor	60.40	%	59.61	%	
Heat Rate	10,752	BTU/KWH	11,165	BTU/KWH	
	MWH	% of Possible	MWH 	% of Possible	
Full Scheduled	0	0.00	925,324	15.09	3
Partial Scheduled	0	0.00	31,775	0.52	4
Full Forced	0	0.00	99,137	1.62	5
Partial Forced	5,292	1.01	35,470	0.58	6
Economic Dispatch	309,396	58.99	2,584,287	42.14	7
Possible MWH	524,520		6,132,730		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Roxboro 4 **

	Month of Octob	er 2013	Twelve Month	Summary	See Notes*
MDC	711	MW	706	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	-612	MWH	3,053,279	MWH	2
Capacity Factor	0.00	%	49.40	%	
Equivalent Availability	0.00	%	78.33	%	
Output Factor	0.00	%	68.90	%	
Heat Rate	0	BTU/KWH	10,674	BTU/KWH	
	MWH	% of Possible	MWH	% of Possible	
Full Scheduled	528,984	100.00	695,710	11.26	3
Partial Scheduled	0	0.00	56,409	0.91	4
Full Forced	0	0.00	326,207	5.28	5
Partial Forced	0	0.00	268,881	4.35	6
Economic Dispatch	0	0.00	1,779,526	28.79	7
Possible MWH	528,984		6,180,910		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report. ** Gross of Power Agency

BASE LOAD POWER PLANT PERFORMANCE REPORT Lee Energy Complex 1A

	Month of Octob	per 2013	Twelve Month	Summary	See Notes*
MDC	223	MW	202	MW	1
Period Hours	744	HOURS	7,295	HOURS	
Net Generation	111,555	MWH	1,118,462	MWH	2
Capacity Factor	67.24	%	75.95	%	
Equivalent Availability	82.39	%	90.65	%	
Output Factor	81.61	%	85.83	%	
Heat Rate	9,128	BTU/KWH	9,561	BTU/KWH	
	MWH 	% of Possible	MWH	% of Possible	
Full Scheduled	29,224	17.61	135,398	9.19	3
Partial Scheduled	0	0.00	0	0.00	4
Full Forced	0	0.00	14,051	0.95	5
Partial Forced	0	0.00	0	0.00	6
Economic Dispatch	25,133	15.15	204,650	13.89	7
Possible MWH	165,912		1,473,590		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Lee Energy Complex 1B

	Month of Octob	er 2013	Twelve Month	Summary	See Notes*
MDC	223	MW	202	MW	1
Period Hours	744	HOURS	7,295	HOURS	
Net Generation	111,175	MWH	1,109,776	MWH	2
Capacity Factor	67.01	%	75.36	%	
Equivalent Availability	82.51	%	88.40	%	
Output Factor	81.21	%	86.43	%	
Heat Rate	9,224	BTU/KWH	9,647	BTU/KWH	
	MWH	% of Possible	MWH	% of Possible	
Full Scheduled	29,016	17.49	186,357	12.65	3
Partial Scheduled	0	0.00	0	0.00	4
Full Forced	0	0.00	1,978	0.13	5
Partial Forced	0	0.00	0	0.00	6
Economic Dispatch	25,721	15.50	174,450	11.84	7
Possible MWH	165,912		1,473,590		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Lee Energy Complex 1C

	Month of Octob	per 2013	Twelve Month	Summary	See Notes*
MDC	223	MW	202	MW	1
Period Hours	744	HOURS	7,295	HOURS	
Net Generation	112,321	MWH	1,148,047	MWH	2
Capacity Factor	67.70	%	77.96	%	
Equivalent Availability	82.51	%	91.14	%	
Output Factor	82.05	%	87.21	%	
Heat Rate	9,116	BTU/KWH	9,532	BTU/KWH	
	MWH	% of Possible	MWH	% of Possible	
Full Scheduled	29,012	17.49	139,483	9.47	3
Partial Scheduled	0	0.00	0	0.00	4
Full Forced	0	0.00	2,342	0.16	5
Partial Forced	0	0.00	2,331	0.16	6
Economic Dispatch	24,579	14.81	180,359	12.24	7
Possible MWH	165,912		1,473,590		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Lee Energy Complex ST1

	Month of Octob	per 2013	Twelve Month	Summary	See Notes*
MDC	380	MW	379	MW	1
Period Hours	744	HOURS	7,295	HOURS	
Net Generation	213,959	MWH	2,140,084	MWH	2
Capacity Factor	75.68	%	77.51	%	
Equivalent Availability	82.48	%	89.26	%	
Output Factor	91.75	%	85.71	%	
Heat Rate	3,683	BTU/KWH	3,290	BTU/KWH	
	MWH	% of Possible	MWH 	% of Possible	
Full Scheduled	49,527	17.52	264,151	9.57	3
Partial Scheduled	0	0.00	13,186	0.48	4
Full Forced	0	0.00	0	0.00	5
Partial Forced	0	0.00	20,225	0.73	6
Economic Dispatch	19,234	6.80	323,438	11.71	7
Possible MWH	282,720		2,761,158		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Richmond County 7

	Month of Octob	per 2013	Twelve Month	Summary	See Notes*
MDC	185	MW	172	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	82,701	MWH	1,119,385	MWH	2
Capacity Factor	60.09	%	74.29	%	
Equivalent Availability	70.38	%	83.47	%	
Output Factor	86.14	%	92.97	%	
Heat Rate	10,945	BTU/KWH	10,904	BTU/KWH	
	MWH	% of Possible	MWH	% of Possible	
Full Scheduled	40,777	29.63	249,630	16.56	3
Partial Scheduled	0	0.00	0	0.00	4
Full Forced	0	0.00	5,774	0.38	5
Partial Forced	0	0.00	0	0.00	6
Economic Dispatch	14,162	10.29	131,998	8.76	7
Possible MWH	137,640		1,507,450		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Richmond County 8

	Month of Octob	er 2013	Twelve Month	Summary	See Notes*
MDC	185	MW	172	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	67,964	MWH	1,061,569	MWH	2
Capacity Factor	49.38	%	70.45	%	
Equivalent Availability	58.79	%	78.91	%	
Output Factor	83.99	%	92.31	%	
Heat Rate	10,945	BTU/KWH	10,830	BTU/KWH	
	MWH	% of Possible	MWH	% of Possible	
Full Scheduled	56,718	41.21	323,955	21.49	3
Partial Scheduled	0	0.00	0	0.00	4
Full Forced	0	0.00	3,886	0.26	5
Partial Forced	0	0.00	0	0.00	6
Economic Dispatch	12,958	9.41	118,046	7.83	7
Possible MWH	137,640		1,507,450		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Richmond County ST4

	Month of Octob	er 2013	Twelve Month	Summary	See Notes*
MDC	190	MW	181	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	81,049	MWH	1,177,554	MWH	2
Capacity Factor	57.34	%	74.22	%	
Equivalent Availability	62.91	%	83.91	%	
Output Factor	63.49	%	87.06	%	
Heat Rate	0	BTU/KWH	0	BTU/KWH	
	MWH	% of Possible	MWH	% of Possible	
Full Scheduled	13,709	9.70	205,133	12.93	3
Partial Scheduled	38,717	27.39	38,717	2.44	4
Full Forced	0	0.00	4,972	0.31	5
Partial Forced	0	0.00	0	0.00	6
Economic Dispatch	7,886	5.58	160,246	10.10	7
Possible MWH	141,360		1,587,020		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Richmond County 9

					See
	Month of Octob	oer 2013	Twelve Month	Summary 	Notes*
MDC	214	MW	203	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	134,755	MWH	1,367,637	MWH	2
Capacity Factor	84.64	%	76.94	%	
Equivalent Availability	100.00	%	91.44	%	
Output Factor	84.64	%	88.76	%	
Heat Rate	11,516	BTU/KWH	11,551	BTU/KWH	
	MWH	% of Possible	MWH 	% of Possible	
Full Scheduled	0	0.00	131,863	7.42	3
Partial Scheduled	0	0.00	0	0.00	4
Full Forced	0	0.00	27,716	1.56	5
Partial Forced	0	0.00	0	0.00	6
Economic Dispatch	24,461	15.36	250,430	14.08	7
Possible MWH	159,216		1,778,280		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Richmond County 10

	Month of Octob	per 2013	Twelve Month	Summary	See Notes*
MDC	214	MW	203	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	134,059	MWH	1,425,444	MWH	2
Capacity Factor	84.20	%	80.19	%	
Equivalent Availability	100.00	%	92.82	%	
Output Factor	84.20	%	88.79	%	
Heat Rate	11,299	BTU/KWH	11,356	BTU/KWH	
	MV/H	% of Possible	MVVH	% of Possible	
Full Scheduled	0	0.00	133,943	7.53	3
Partial Scheduled	0	0.00	0	0.00	4
Full Forced	0	0.00	556	0.03	5
Partial Forced	0	0.00	0	0.00	6
Economic Dispatch	25,157	15.80	217,703	12.24	7
Possible MWH	159,216		1,778,280		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Richmond County ST5

	Month of October 2013		Twelve Month	See Notes*	
MDC	246	MW	249	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	176,799	MWH	1,807,102	MWH	2
Capacity Factor	96.60	%	82.95	%	
Equivalent Availability	100.00	%	91.26	%	
Output Factor	96.60	%	92.09	%	
Heat Rate	0	BTU/KWH	0	BTU/KWH	
	MWH	% of Possible	MWH	% of Possible	
Full Scheduled	0	0.00	165,513	7.60	3
Partial Scheduled	0	0.00	3,355	0.15	4
Full Forced	0	0.00	19,150	0.88	5
Partial Forced	0	0.00	732	0.03	6
Economic Dispatch	6,225	3.40	185,945	8.54	7
Possible MWH	183,024		2,178,320		8

^{*} See 'Notes for Fossil and Combined Cycle Units' filed with the January 2013 report.

BASE LOAD POWER PLANT PERFORMANCE REPORT Brunswick 1 **

	Month of October 2013		Twelve Month	See Notes*	
MDC	938	MW	938	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	717,338	MWH	8,082,156	MWH	2
Capacity Factor	102.79	%	98.36	%	
Equivalent Availability	100.00	%	96.04	%	
Output Factor	102.79	%	101.58	%	
Heat Rate	10,329	BTU/KWH	10,328	BTU/KWH	
	MWH 	% of Possible	MWH	% of Possible	
Full Scheduled	0	0.00	260,154	3.15	3
Partial Scheduled	0	0.00	65,456	0.79	4
Full Forced	0	0.00	0	0.00	5
Partial Forced	0	0.00	5,115	0.06	6
Economic Dispatch	0	0.00	0	0.00	7
Possible MWH	697,872		8,270,900		8

^{*} See 'Notes for Nuclear Units' filed with the January 2013 report.

^{**} Gross of Power Agency

BASE LOAD POWER PLANT PERFORMANCE REPORT Brunswick 2 **

	Month of October 2013		Twelve Month	See Notes*	
MDC	932	MW	932	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	684,997	MWH	6,240,710	MWH	2
Capacity Factor	98.79	%	76.44	%	
Equivalent Availability	97.99	%	76.70	%	
Output Factor	98.79	%	95.42	%	
Heat Rate	10,595	BTU/KWH	10,768	BTU/KWH	
	MWH 	% of Possible	MWH 	% of Possible	
Full Scheduled	0	0.00	1,502,260	18.33	3
Partial Scheduled	13,971	2.01	203,581	2.48	4
Full Forced	0	0.00	123,355	1.51	5
Partial Forced	0	0.00	129,284	1.58	6
Economic Dispatch	0	0.00	0	0.00	7
Possible MWH	693,408		8,194,980		8

^{*} See 'Notes for Nuclear Units' filed with the January 2013 report.
** Gross of Power Agency

BASE LOAD POWER PLANT PERFORMANCE REPORT Harris 1 **

	Month of Octob	per 2013	Twelve Month	Summary	See Notes*
MDC	928	MW	923	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	708,893	MWH	7,682,418	MWH	2
Capacity Factor	102.67	%	94.98	%	
Equivalent Availability	100.00	%	92.43	%	
Output Factor	102.67	%	101.88	%	
Heat Rate	10,560	BTU/KWH	10,557	BTU/KWH	
	MWH	% of Possible	MWH	% of Possible	
Full Scheduled	0	0.00	39,889	0.49	3
Partial Scheduled	0	0.00	35,857	0.44	4
Full Forced	0	0.00	507,446	6.23	5
Partial Forced	0	0.00	33,933	0.42	6
Economic Dispatch	0	0.00	0	0.00	7
Possible MWH	690,432		8,140,960		8

^{*} See 'Notes for Nuclear Units' filed with the January 2013 report. ** Gross of Power Agency

BASE LOAD POWER PLANT PERFORMANCE REPORT Robinson 2

	Month of October 2013		Twelve Month	See Notes*	
MDC	741	MW	738	MW	1
Period Hours	744	HOURS	8,760	HOURS	
Net Generation	-1,857	MWH	5,863,229	MWH	2
Capacity Factor	0.00	%	90.67	%	
Equivalent Availability	0.00	%	85.99	%	
Output Factor	0.00	%	104.41	%	
Heat Rate	0	BTU/KWH	10,253	BTU/KWH	
	MWH 	% of Possible	MWH	% of Possible	
Full Scheduled	551,304	100.00	850,532	13.05	3
Partial Scheduled	0	0.00	58,845	0.90	4
Full Forced	0	0.00	0	0.00	5
Partial Forced	0	0.00	0	0.00	6
Economic Dispatch	0	0.00	0	0.00	7
Possible MWH	551,304		6,515,980		8

^{*} See 'Notes for Nuclear Units' filed with the January 2013 report.

Amended SC Fuel Rule Related to Nuclear Operations

There shall be a rebuttable presumption that an electrical utility made every reasonable effort to minimize cost associated with the operation of its nuclear generation system if the utility achieved a net capacity factor of \geq 92.5% during the 12-month period under review. For the test period March 1, 2013 through October 31, 2013, actual period to date performance is summarized below:

Period to Date: March 1, 2013 to October 31, 2013

Nuclear System Capacity Factor Calculation (Based on net generation)

A. Nuclear system actual generation for the SCPSC test period	A =	17,627,003 MWh
B. Total number of hours during SCPSC test period	B =	5,879 hours
C. Nuclear system MDC during SCPSC test period (see page 2)	C =	3,539 MW
D. Reasonable nuclear system reductions (see page 2)	D =	3,475,409.60 MWh
E. SC Fuel Case nuclear system capacity factor: [A/((BxC)-D)]*100=		101.7%

NOTE:

If Line Item E > 92.5%, presumption of utility's minimum cost of operation. If Line Item E < 92.5%, utility has burden of proof of reasonable operations.

Amended SC Fuel Rule
Nuclear System Capacity Factor Calculation
Reasonable Nuclear System Reductions
Period to Date: March 1, 2013 to October 31, 2013

Nuclear Unit Name and Designation	BNP Unit #1	BNP Unit # 2	HNP Unit # 1	RNP Unit # 2	Nuclear System
Unit MDC	938 MW	932 MW	928 MW	741 MW	3,539 MW
Reasonable refueling outage time (MWh)	0.00	1,502,259.70	0.00	853,599.38	
Reasonable maintenance, repair, and equipment replacement outage time (MWh)	277,333.20	87,483.58	587,801.30	29,584.85	
Reasonable coast down power reductions (MWh)	0.00	5,029.00	2,769.84	0.00	
Reasonable power ascension power reductions (MWh)	9,031.50	71,727.55	14,896.44	0.00	
Prudent NRC required testing outages (MWh)	0.00	26,783.63	5,907.12	1,202.50	
SCPSC identified outages not directly under utility control (MWh)	0.00	00:00	00:00	0.00	
Acts of Nature reductions (MWh)	0.00	00:00	0:00	0.00	
Reasonable nuclear reduction due to low system load (MWh)	0.00	00:0	0.00	0.00	
Unit total excluded MWh	286,364.70	1,693,283.47	611,374.70	884,386.73	
Total reasonable outage time exclusions [carry to Page 1, Line D]					3,475,409.60

Duke Energy Progress Run Date

11/20/2013

CAPACITY FACTOR REPORT

Plant	Unit	Current MW Rating	January 2012 - December 2012	October 2013	January 2013 - October 2013
Brunswick	1	938	76.65	102.79	97.52
Brunswick	2	932	97.57	98.79	74.44
Harris	1	928	89.99	102.67	92.69
Robinson Nuclear	2	741	84.70	0.00	86.95
Nuclear System Total		3,539	87.33	80.11	87.96

Duke Energy Progress

CAPACITY FACTOR REPORT

Page 1

Run Date 11/20/2013

Plant	Unit	Current MW Rating	January 2012 - December 2012	October 2013	January 2013 - October 2013
Asheville	1	196	51.35	35.74	29.38
Asheville	2	187	57.24	41.14	45.25
Cape Fear *	5	148	14.97		
Cape Fear *	6	175	18.33		
Lee *	1	80	13.26		
Lee *	2	80	0.50		
Lee *	3	252	33.86		
Mayo	1	746	55.07	57.92	42.20
Robinson *	1	179	13.79		
Roxboro	1	366	62.34	0.00	44.96
Roxboro	2	662	71.21	73.88	65.68
Roxboro	3	705	60.18	40.00	37.55
Roxboro	4	711	66.18	0.00	45.40
Sutton	1	98	18.42	9.76	23.58
Sutton	2	95	15.91	0.00	17.81
Sutton	3	389	28.69	32.20	40.08
Fossil System Total		5,069	49.98	35.63	44.32
Lee Energy Complex	1A	223	**	67.24	75.95
Lee Energy Complex	1B	223	**	67.01	75.36
Lee Energy Complex	1C	223	**	67.70	77.96
Lee Energy Complex	ST1	380	**	75.68	77.51
Richmond County	7	185	62.59	60.09	80.80
Richmond County	8	185	60.08	49.38	80.51
Richmond County	ST4	190	66.81	57.34	81.71
Richmond County	9	214	77.11	84.64	75.47
Richmond County	10	214	82.20	84.20	79.42
Richmond County	ST5	246	89.56	96.60	79.53
Combined Cycle Total		2,283	74.67	72.20	78.28
Total Fossil and CC Sys	tem	7,352	54.65	48.60	55.97

^{*} The Cape Fear, Lee and Robinson 1 units were retired in September and October 2012; however, the 2012 data is included for historical reference.

** Precommercial data excluded

Duke Energy Progress NO. 2 OIL STOCK REPORT END OF OCTOBER 2013

	Capacity	Inventory	Boiler Light/Off Projected Burn Next Month	IC at Full
LOCATION	Gallons	Gallons	(gallons)	(gals/hr)
Asheville	3,600,000	2,572,955	12,600	28,000
Blewett	850,000	577,782	0	8,160
Brunswick	320,200	194,676	0	0
Charlotte	3,000,000	1,439,374	0	0
Darlington	11,000,000	4,279,631	0	93,600
Greensboro	2,000,000	1,070,707	0	0
Harris	460,000	303,402	0	0
Mayo	375,000	280,458	78,700	0
North Augusta	1,000,000	0	0	0
Richmond (Smith)	9,000,000	6,910,249	0	100,800
Robinson	150,000	64,006	0	0
Roxboro	700,000	377,427	100,000	0
Selma	3,000,000	1,428,498	0	0
Spartanburg	693,420	682,837	0	0
Sutton	570,000	475,834	43,300	7,771
Sutton CC	3,000,000	657,105	750,000	26,400
Wayne County	9,400,000	10,366,866	0	72,679
Weatherspoon	765,000	673,056	1,200	15,072
TOTAL	49,883,620	32,354,863	985,800	352,482

FUELWORX - FUELS MANAGEMENT SYSTEM

Progress Energy Carolinas, Inc. Contract Oil Receipts

For October 2013

PLANT	VENDOR	QUANTITY	TOTAL COST	UNIT COST
Harris	Eagle Transport Corporation	37,450.00	\$125,349.34	\$3.35
Mayo	Hitco Transport Inc	303,087.00	\$967,712.27	\$3.19
Mayo	N/A	0.00	\$412.44	\$0.00
NCEMC - Anson	N/A	(375,000.00)	(\$1,181,250.00)	\$0.00
NCEMC - Anson	Petroleum Traders	372,000.00	\$1,139,084.62	\$3.06
Robinson	Eagle Transport Corporation	22,459.00	\$76,263.89	\$3.40
Robinson	N/A	0.00	\$45.33	\$0.00
Roxboro	Hilco Transport Inc	152,112.00	\$485,335.00	\$3.19
Roxboro	N/A	0.00	\$1,238.16	\$0.00
Sutton	Amerada Hess Corporation	52,412.00	\$165,874.58	\$3.16
Wayne County	N/A	0.00	\$272.46	\$0.00

^{*}N/A represents inventory transfers from storage facilities and/or inventory adjustments. *Roxboro 4 is not shown on this schedule as the amounts received are transfers from Roxboro 1-2-3 and not from a third party.

Duke Energy Progress South Carolina Retail

Fuel Adjustment Expense October 2013

Fossil Fuel	\$ 96,423,004
Nuclear	12,578,269
Coal Blending Savings	(1,717,654)
Coal Purchase Savings	(209,107)
Gas Savings	(84,717)
Purchased Power	18,165,678
Sub-Total	\$ 125,155,473
Less: Inter-Company Sales	14,164,285
Net Fuel Cost	\$ 110,991,188
Total System MWH Sales	4,051,621
S.C. Retail MWH Sales	500,618
S.C. Allocation Factor of Total Fuel Costs	0.1236
S.C. Share of Total Fuel Costs	\$ 13,718,511
Emission Allowances \$ (Includes net proceeds) (Account 509)	40,860
Ammonia/Urea (Account 5020001 & 5480001)	312,072
Limestone/Lime (Account 5020002)	745,444
Magnesium Hydroxide (Account 5020005)	172,355
Reagent Savings (Account 50200PS)	97,156
Sub-Total	\$ 1,367,887
Less: Inter-Company Sales	206,317
Net Environmental Cost	\$ 1,161,570
S.C. Retail MWH Sales	500,618
Total System MWH Sales	4,051,621
S.C. Allocation Factor of Total Environmental Costs	0.1236
S.C. Share of Total Environmental Costs	\$ 143,570

Duke Energy Progress South Carolina Retail

Fossil Fuel Cost October 2013

Steam Electric (Issued from Account 151)

	\$	87 ACC 570
Coal	Φ	37,066,579 1,448,906
#2 OII		1,440,500
Natural Gas		
Total Steam Electric	\$	38,515,485
I.C. Turbines (Issued from Account 151)		
Oil	\$	1,834,312
Natural Gas		56,073,207
Total I.C. Turbines	\$	57,907,519
Total Fossil Fuel (Issued from Account 151)	\$	96,423,004
Less: Sales to Other Companies		14,164,285
Total Fossil Fuel for Billing Factor		82,258,719
MWH Generated by Fossil Fuel		2,453,813
Less: Sales to Other Companies		459,796
Fossil Generation for Billing Factor		1,994,017
Total MWH Sales		4,051,621

Duke Energy Progress

Fuel Cost - Statistics

Month Of: October 2013

To: South Carolina Public Service Commission

1. Types of Generation

	MWH	Percentage	
Fossil	2,453,813	58.08	%
Nuclear	1,737,695	41.13	%
Hydro	33,309	0.79	%
TOTAL	4,224,817	100.00	%

- 2. System Average Fossil Generating Plant Efficiency (Heat Rate)
- 3. Average Heat Content of Coal Burned (BTU per Pound)

8,997

12,409

4. Coal Received:

	Percent	Cents/MBTU
Contract	100.00	349.05
Spot	0.00	0.00

Analysis of Coal Purchased By Facility

Progress Energy Carolinas, Inc.

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- 40		

Report Period: 201310 - Period Ending 10/31/2013

	Month To Date Spot	Year To Date Spot	Month To Date Term	Year To Date Term	Month To Date System	Year To Date System
Tons:	00.0	2,710.99	546,291,53	5,497,797,40	546,291,53	5,500,508.39
Percent Total:	%00'0	0.05%	100.00%	%56.98	100.00%	100.00%
Coal Cost:	\$0.00	\$162,300.09	\$32,222,814.41	\$324,450,699,25	\$32,222,814,41	\$324,612,999,34
Coal Unit Cost:	00 0\$	\$59.87	828.98	\$59.01	\$58.98	\$59.02
Freight Cost:	80.00	\$16,783,48	\$14,867,497.87	\$172,137,565.59	\$14,867,497.87	\$172,154,349.07
Freight Unit Cost:	00.0\$	\$6.19	\$27.22	\$31.31	\$27.22	\$31.30
Total Cost:	\$0.00	\$179,083.57	\$47,090,312.27	\$496,588,264.85	\$47,080,312.27	\$496,767,348.42
Received Cost:	\$0.00	\$66.08	\$86.20	\$80.32	\$86.20	\$90.31
Quality:	0	12,122	12,348	12,432	12.348	12,432
Cents / MBTU:	×	272.48	349.05	363,28	349.05	363.23
Equiv Cost 12000 BTU:	80.00	\$59.27	\$57.32	\$56.96	\$57.32	\$56.96
Total MBTU:	0.00	65,723.40	13,490,924.07	136,697,444.05	13,490,924.07	138,763,167.45

Total Coal Purchased By Facility Progress Energy Carolinas, Inc.

201310 - Period Ending 10/31/2013

Report Period:

All Inventory Locations

Location Type:

Facility	Tons Received	Total Cost	As Received BTU/LB	Received	Cents / MBTU	MBTU
Asheville	46,730.78	\$4,321,408,36	12,449	\$92.47	371.41	1,163,505.03
Cape Fear	00.00	\$0.00	0	\$0.00	C	0.00
Ceredo	72,078.86	\$4,577,853.82	12,598	\$63.51	252.06	1,816,166.42
Coal Sales	00'0	80.00	12,375	\$0.00	a	0.00
Docks Creek	(5,627.77)	\$(136,554.12)	10,491	\$24.26	115.64	-118,084.84
Lee	00'0	80.00	0	\$0.00		0.00
Mayo	134,961.03	\$11,976,983.86	11,775	\$88.74	376.83	3,178,360.32
Robinson	0.00	20.00	0	\$0.00	0.000	0.00
Roxboro	261,180.58	\$25,146,832,63	12,547	\$96.28	383.68	6,554,132,24
Shipyard River Terminal	0.00	\$450.00	0	\$0.00		0.00
Sutton	36,968.05	\$1,203,337.72	12,130	\$32.55	134.17	896,844.90
Weatherspoon	0.00	80.00	0	\$0.00	•	0.00
System Totals:	546,291.53	\$47,090,312.27	12,348	\$86.20	349.05	13,490,924.07

Duke Energy Progress South Carolina Retail

Comparison of Fuel Revenue and Expenses

	May 2013	June 2013	July 2013	August 2013	September 2013	October 2013
Sales (KWH)	452,740,595	466,779,249	602,531,741	613,182,769	518,884,686	500,618,334
SC Retail %	0.11760	0.10870	0.11930	0.11690	0.11720	0.12360
System Fuel Cost	121,471,764	137,487,199	156,547,954	150,608,532	127,292,261	110,991,188
Revenue Required	14,285,079	14,944,859	18,676,171	17,606,137	14,918,653	13,718,511
Revenue Billed *	11,898,301	12,303,449	17,530,871	17,845,407	15,099,732	14,567,197
Over (Under) Recovery	(2,386,778)	(2,641,410)	(1,145,300)	239,270	181,079	848,686
Accounting Adjustment					586,668	13,274
Cumulative Recovery	(4,135,964)	(6,777,374)	(7,922,674)	(7,683,404)	(6,915,657)	(6,053,697)

DUKE ENERGY PROGRESS
ANALYSIS OF ISSUES FROM ACCOUNT 151 TO 5013 & 5473
October 2013

	5013 COAL		5013 #2 OIL	5013 NAT GAS	7	5013 TOTAL		5473 #2 OIL	-	5473 NAT. GAS		5473 TOTAL	S.	5013 & 5473 TOTAL
CAPE FEAR		49	•		49	•	69	•			••	٠	•	
WEATHERSPOON	•	49			49		49	16.355	49	99	••	18,421	49	16,421
LEE		ø,	•		49	•	**	•	69	21,630,581	49	21,630,581	•	21,630,581
SUTTON	3,028,931	40	192,941		•	3,221,872	49	784,920	60	7,852,104	69	8,637,024	49	11,858,896
ROBINSON	•	60	٠		**		**	٠	60	•	69		69	
ASHËVILLE	4,268,156	••	109,964	w	••	4,378,120	e 9	1,017,021	49	84,228	67	1,101,249	69	5,479,369
ROXBORO	20,606,014	••	347,624		*	20,953,638					99	*	es.	20,853,638
MAYO	9,163,478	**	796,377		69	9,961,855					49	٠	60	9,961,855
DARLINGTON COUNTY							*	10,022	40	(239)	49	9,783	•	9,783
MOREHEAD CITY							**				••		69	30
BLEWETT							•	,			49	•	49	*
WAYNE COUNTY							97	٠	S	12,946	•	12,946	69	12,946
RICHMOND COUNTY							63	5,994	**	26,493,519	49	26,499,513	69	26,499,513
TOTAL ==	37,066,579	S	1,448,906	69	40	38,515,485	•	1,834,312	\$	56,073,205	60	57.907,517	00	96.423,002
BRUNSWICK NUCLEAR FUEL UNIT #1	INIT #1	49	3,895,155											
BRUNSWICK NUCLEAR FUEL UNIT #2 ROBINSON NUCLEAR FUEL UNIT #2	INIT #2 IT #2	us us	4,143,001											
HARRIS NUCLEAR FUEL UNIT #1	T.	*	4,534,996											
TOTAL NUCLEAR FUEL		99	12,578,268											

DUKE ENERGY PROGRESS PAGE 11 MONTH OF OCTOBER 2013 GENERATION, PURCHASED POWER, WHEELED POWER, ENERGY TRANSFERS AND OTHER STATISTICS

1			CURRENT	MONTH	12 MONTHS END	ED CURRENT MON
2			THIS YEAR	INCR OVER LAST YEAR	THIS YEAR	INCR OVER
4	Net Power Generation					
5	Steam Power	KWH	1,048,953,422	(458,213,129)	15,764,426,764	(4,755,138,483)
6	Nuclear Power	KWH	1,737,694,997	(576,816,028)	24,000,884,676	1,466,643,835
7	Hydro-Electric	KWH	33,309,000	(9,037,000)	891,495,690	219,563,680
8	Other Power	KWH	1,404,860,000	810,791,000	14,761,529,500	4,131,979,500
9	Total Net Power Generation	KWH	4,224,817,419	(233,275,157)	55,418,336,630	1,063,048,532
10	Purchased Power	KWH	381,998,898	78,076,557	6,739,475,497	1,373,499,182
11	Wheeled Power:					
12	Received				100000000000000000000000000000000000000	
13	For Others	KWH	27,776,000	(92,884,000)	586,820,000	(1,049,689,000)
14	For SEPA Pref. Customers	KWH	5,963,000	693,000	177,806,000	48,796,000
15	Total Wheeled Power Received	KWH	33,739,000	(92,191,000)	764,626,000	(1,000,893,000)
16	Delivered:			1.6		
17	To Others	KWH	24,994,000	(95,460,000)	580,900,000	(1,055,023,000)
18	To SEPA Pref. Customers	KWH	5,605,220	682,440	168,021,240	46,832,680
19	Total Wheeled Power Delivered	KWH	30,599,220	(94,777,560)	748,921,240	(1,008,190,320)
20	Total Net Wheeled Power	KWH	3,139,780	2,586,560	15,704,760	7,297,320
21	Transfers of Energy					
22	Received	KWH	182,509,000	(42,700,000)	2.076.878.000	34,789,000
23	Delivered	KWH	188,159,000	(43,988,000)	2,141,000,000	35,856,000
24	Total Net Transfers of Energy	KWH	(5,650,000)	1,288,000	(64,122,000)	(1,067,000)
25	Power Exchanges	11/4				
26	Received	KWH	0	0	0	0
27	Delivered	KWH	0	0	0	00
28	Total Net Power Exchanges	KWH	0	0	0	0
29	Total Net System Input	KWH	4,604,306,097	(151,324,040)	62,109,394,887	2,442,778,034
30	Total Energy Sales	KWH	4,363,664,223	(358,897,527)	59,827,358,295	2,534,760,214
31	Company Use	KWH	7,041,770	(430,966)	93,802,143	81,333
32	Inter-Departmental Use	KWH	7,547,770	(450,500)	35,002,143	01,333
33	Total Energy Used by Company	KWH	7,041,770	(430,966)	93,802,143	81,333
34	Energy Unaccounted For	кwн	233,600,104	208.004.453	2,188,234,449	(92,063,513)
35	Percent Unaccounted For	%	5.07	4.53	3.52	(0.30)
36	Power Agency Generation	кwн	423,581,581	(48,598,843)	4,712,896,560	(38,542,352)

PAGE 11A MONTH OF OCTOBER 2013

CAPE FEAR:	0 00 0 00 2,011 97 0 00 2,020 12	0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LEAR PLANTS 1	0.00 0.00 0.00
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NATURAL GAS TOTAL LEE COAL OR OR OR NATURAL GAS TOTAL 258.05 TOTAL 258.05 OR OR NATURAL GAS TOTAL 258.05 OR OR NATURAL GAS TOTAL 272.62 ROBINSON: COAL OR OR NATURAL GAS TOTAL 340.97 OR NATURAL GAS TOTAL ASHEVILLE COAL OR NATURAL GAS NUCLEAR TOTAL 340.97 OR NATURAL GAS OR NATURAL GAS NATURAL GAS OR NATURA	0.00	0.00		0.00
TOTAL 0.00 LEE: COAL 0.00 OIL 0.00 OIL 0.00 NATURAL GAS TOTAL 0.00 SUTTON COAL 258.05 OIL 2,389.69 NATURAL GAS TOTAL 0.00 OIL 0.00 OIL 0.00 NATURAL GAS NUCLEAR TOTAL 0.00 ASHEVILLE COAL 340.97 OIL 2,125.90 NATURAL GAS NUCLEAR 0.00 NATURAL GAS NUCLEAR 0.00 TOTAL 346.31 ROXBORO 1-3 COAL 346.31 ROXBORO 1-3 COAL 346.25 OIL 2,393.69 TOTAL 350.23 ROXBORO 4: COAL 0.00 TOTAL 0.00 ROXBORO 4: COAL 0.00 TOTAL 0.00 TOTAL 0.00 OR 0.00 TOTAL 0.00				2,011.97
LEE COAL COAL COAL COAL COAL COAC COAL COAC COAL COAL	2,020 12	2,020.12		0.00
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COAL 0.00 OR NATURAL GAS TOTAL 0.00 OR COAL 258.05 OR COAL 2.389.69 OR COAL 0.00 OR				
OR. NATURAL GAS TOTAL 000 SUTTON COAL 258.05 OIL 2389 69 NATURAL GAS TOTAL 000 ROBINSON: COAL 000 OIL 000 NATURAL GAS NUCLEAR TOTAL 000 OIL 2489 69 NATURAL GAS NUCLEAR 000 TOTAL 2489 69 ROBINSON: COAL 000 NATURAL GAS NUCLEAR 000 TOTAL 340 97 OIL 2,125 90 NATURAL GAS 000 TOTAL 348 31 ROXBORO 1-3 COAL 348 31 ROXBORO 1-3 COAL 2,93 69 TOTAL 350 23 ROXBORO 4: COAL 0,00 TOTAL 0		200		
NATURAL GAS TOTAL	0.00	0.00		0.00
TOTAL 000 SUTTON COAL 258.05 OIL 2,389.69 NATURAL GAS TOTAL 0.00 OIL 0.00 NATURAL GAS NUCLEAR TOTAL 340.97 OIL 2,125.90 NATURAL GAS NUCLEAR 2,125.90 NATURAL GAS 340.97 OIL 2,125.90 NATURAL GAS 0.00 TOTAL 348.31 ROXBORO 1-3 COAL 346.25 OIL 2,393.69 TOTAL 350.23 ROXBORO 4 COAL 0.00 TOTAL 0.00 OR 0.00 TOTAL 0.00 TOTAL 0.00 OR 0.00 TOTAL 0.	560 96	560.96		0.00 560.98
SUTTON COAL COAL Q1, 258.05 Q1, 2,389.69 NATURAL GAS TOTAL COAL Q1, 0.00 NATURAL GAS NUCLEAR TOTAL COAL ASHEVILLE COAL Q1, 2,125.90 NATURAL GAS Q0, 00 TOTAL ROXBORO 1-3 COAL Q1, 346.25 Q1, 2,393.69 TOTAL ROXBORO 4: COAL Q2, 00 ROXBORO 4: COAL Q3, 00 ROXBORO 4: COAL Q0, 00 TOTAL ROXBORO 4: COAL ROXBOROXBORO 4: ROXBORO 4: ROXBORO 4: ROXBORO 4: ROXBORO 4: ROXBOR	560 96	560 96		560.96
COAL 258.05 OIL 2.389.69 NATURAL GAS TOTAL 272.62 ROSINSON: COAL 0.00 OIL 0.00 NATURAL GAS NUCLEAR TOTAL 340.97 OIL 2.125.90 NATURAL GAS 0.00 TOTAL 348.31 ROXBORO 1-3 COAL 345.25 OIL 2.393.69 TOTAL 350.23 ROXBORO 4: COAL 0.00 ROXBORO 4: COAL 0.00 OIL 0.00		300 00		300.30
OIL 2,389 69 NATURAL GAS TOTAL 272 62 ROBINSON: COAL 0 00 OIL 0.00 NATURAL GAS NUCLEAR TOTAL 2,125 90 NATURAL GAS 0 00 TOTAL 348 31 ROXBORO 1-3 COAL 346 25 OIL 2,125 90 NATURAL GAS 0.00 TOTAL 348 31 ROXBORO 1-3 COAL 345 25 OIL 2,393 69 TOTAL 350 23 ROXBORO 4: COAL 0 00 OR 0.00 TOTAL 0 00 MAYO. COAL 0 00 MAYO. COAL 267 75				
NATURAL GAS 1074 272 62 1074 272 62 1074 272 62 1074 272 62 1074 272 62 1074 272 62 1074 272 62 1074 272 62 1074 272 69 272 6		258 05		258,05
NATURAL GAS 1071AL 272 62 1071AL 272 6	2,072.25	2,128 02		2,128,02
ROBINSON: COAL 000 NATURAL GAS NUCLEAR TOTAL 0,00 ASHEVILLE COAL 340 97 Off 2,125 90 NATURAL GAS 0,00 TOTAL 348 31 ROXBORO 1-3 COAL 345 25 Off 2,393 69 TOTAL 350 23 ROXBORO 4: COAL 0,00 TOTAL 0,00	669 22	669.22		669.22
COAL 0.00 OIL 0.00 NATURAL GAS NUCLEAR TOTAL 0.00 ASHEVILLE COAL 340 97 OIL 2.125 90 NATURAL GAS 0.00 TOTAL 348.31 ROXBORO 1-3 COAL 345.25 OIL 2.393.99 TOTAL 350.23 ROXBORO 4: COAL 0.00 OIL 0.00 OIL 0.00 TOTAL 0.00 OIL 0.00 TOTAL 0.00 OIL 0.00 OIL 0.00 OIL 0.00 MAYO. COAL 267.75	713 10	495 56		495 56
COAL 0.00 OIL 0.00 NATURAL GAS NUCLEAR TOTAL 0.00 ASHEVILLE COAL 340 97 OIL 2.125 90 NATURAL GAS 0.00 TOTAL 348.31 ROXBORO 1-3 COAL 345.25 OIL 2.393.99 TOTAL 350.23 ROXBORO 4: COAL 0.00 OIL 0.00 OIL 0.00 TOTAL 0.00 OIL 0.00 TOTAL 0.00 OIL 0.00 OIL 0.00 OIL 0.00 MAYO. COAL 267.75				
OIL 0.00 NATURAL GAS NUCLEAR TOTAL 0.00 ASHEVILLE. COAL 340 97 OIL 2,125 90 NATURAL GAS 0.00 TOTAL 348.31 ROXBORO 1-3 COAL 346.25 OIL 2,393.69 TOTAL 350.23 ROXBORO 4 COAL 0.00 TOTAL 0.00 TOTAL 0.00 ROXBORO 1.00 ROXBORO 4 COAL 0.00 ROXBORO 1.00 ROXBORO 4 COAL 0.00 TOTAL 0.00 MAYO. COAL 267.75		Control of the contro		
NATURAL GAS NUCLEAR TOTAL TOTAL COAL ASHEVILLE ASHEVILLE COAL ASHEVILLE ASHEVILLE COAL ASHEVILLE ASHEVILLE ASHEVILLE ASHEVILLE COAL ASHEVILLE ASHEV		0.00		0.00
NUCLEAR	0.00	0.00		0.00
TOTAL 0.00 ASMEVILLE COAL 340.97 Off. 2,125.90 NATURAL GAS 0.00 TOTAL 348.31 ROXBORO 1-3 COAL 345.25 OIL 2,393.89 TOTAL 350.23 ROXBORO 4: COAL 0.00 TOTAL 0.00 TOTAL 0.00 OR 0.00 TOTAL 0.00 MAYO. COAL 267.75	0 00	0.00		0.00
ASHEVILLE. COAL			0.00	0.00
COAL 340 97 OIL 2,125 90 NATURAL GAS 0 0 00 TOTAL 346 31 ROXBORO 1-3 COAL 345 25 OIL 2,393 89 TOTAL 350 23 ROXBORO 4 COAL 0,00 TOTAL 0,00 TOTAL 0,00 TOTAL 0,00 TOTAL 0,00 TOTAL 0,00 MAYO. COAL 267 75	0.00	0.00	0.00	0,00
COAL 340 97 OIL 2,125 90 NATURAL GAS 0 0 00 TOTAL 346 31 ROXBORO 1-3 COAL 345 25 OIL 2,393 89 TOTAL 350 23 ROXBORO 4 COAL 0,00 TOTAL 0,00 TOTAL 0,00 TOTAL 0,00 TOTAL 0,00 TOTAL 0,00 MAYO. COAL 267 75				
OIL 2,125 90 NATURAL GAS 0 00 TOTAL 348 31 ROXBORO 1-3 COAL 345 25 OIL 2,393 69 TOTAL 350 23 ROXBORO 4: COAL 0,00 DD 0,00 TOTAL 0,00 MAYO. COAL 267 75				
NATURAL GAS 0 00	2 125 00	340.97		340.97
TOTAL 348.31 ROXBORO 1-3 COAL 345.25 OIL 2,393.69 TOTAL 350.23 ROXBORO 4: COAL 0.00 TOTAL 0.00 TOTAL 0.00 MAYO. COAL 267.75	2,125.91	2,125.91		2,125.91
ROXBORO 1-3 COAL 345 25 OIL 2,393 69 TOTAL 350 23 ROXBORO 4: COAL 0.00 OR 0.00 TOTAL 0.00 TOTAL 0.00 AMAYO. COAL 267 75	1,638.36	1,638.36		1,638.36
COAL 345.25 OIL 2.993.69 TOTAL 350.23 ROXBORO 4: COAL 0.00 OIL 0.00 TOTAL 0.00 TOTAL 0.00 TOTAL 267.75	2,078 60	418.29		418.29
COAL 345.25 OIL 2.993.69 TOTAL 350.23 ROXBORO 4: COAL 0.00 OIL 0.00 TOTAL 0.00 MAYO. COAL 267.75				
OIL 2,393 69 TOTAL 350 23 ROXBORO 4: COAL 0.00 OIL 0.00 TOTAL 0.00 TOTAL 0.00 MAYO. COAL 267.75		345.25		345.25
YOTAL 350 23 ROXBORO 4: COAL 0.00 OR. 0.00 TOTAL 0.00 MAYO. COAL 267.75		2,393.69		2.393 69
ROXBORO 4: COAL 0.00 OR 0.00 TOTAL 0.00 MAYO: COAL 267.75		35023		350 23
COAL 0.00 TOTAL 0.00 TOTAL 0.00 MAYO. COAL 267.75		400.00		300.23
COAL 0.00 TOTAL 0.00 TOTAL 0.00 MAYO. COAL 267.75				
OR 0.00 TOTAL 0.00 MAYO. COAL 267.75		0.00		0.00
TOTAL 0 00 MAYO COAL 267.75		0.00		0.00
COAL 267.75		9.00		0.00
COAL 267.75				
		287.75		267.75
QIL 2,313.08		2,313.08		2,313.08
TOTAL 288 16		288 18		288.18
MOREHEAD				
OIL	0.00	0.00		0.00
DARLINGTON				
OIL	1,426 68			
NATURAL GAS	1,428 88	1,426.68		1,426 68
TOTAL	1,392 70	1,392.70		0.00
	1,382 (0	1,382.70		1,392.70
BLEWETT				
OIL	000	0.00		0.00
	7.30			5.00
WAYNE				
OIL	0.00	0.00		0.00
NATURAL GAS	515 88	515 88		515.88
TOTAL	515 88	515,88		515.88
RICHMOND.				
Off.	1,256,48	1,256.46	- X - X	1,256.46
NATURAL GAS	522 08	522 08		522.08
TOTAL	522 15	522 15		522.15
DDIINGNACK				
BRUNSWICK NUCLEAR				
MAJLEAN			67.11	67.11
HARRIS.				
				2 60
NUCLEAR			72.27	72 27
ALL PLANTS				
COAL 313.70 OIL 2,326.26	2,091 35	313.70	× .	313 70
NATURAL GAS 0.00	554 55	2,188 89 554.55		2,188 89
NUCLEAR	004 00	204.20	68,91	554.55
TOTAL 324 25	567.78			68 91 270 27

DUKE ENERGY PROGRESS PAGE 11B MONTH OF OCTOBER 2013

	TONS RECEIVED DURING MONTH 0 0 0	TONS CONSUMED DURING MONTH 0 0	BALANCE END OF MONTH 0 0		
0	0	0			
0	36,968 0	48,071 0	13,177 0		
152,825 1,143,947 450,013	46,731 261,181 134,961	50,335 232,972 172,665	149,221 1,172,156 412,309		
1,771,065	479,841	504,043	1,746,883		
TOTAL S					
0 0 1,203,338 0 4,321,408 25,146,833	CENTO	0.00 0.00 0.00 134.17 0.00 371.41 383.68			
42,648,583					
		554.55			
		456.92			
	TOTAL \$ 1,771,065	1,143,947 281,181 134,991 134,991 1,771,065 479,841 RECEIVE TOTAL \$ CENTS 0 0 0 1,203,338 0 4,321,408 25,148,833 11,976,984	1,143,947	1,143,947	1,143,947

^{**} Year To Date amounts include prior period edjustments

Duke Energy Progress

South Carolina Retail

Comparison of Environmental Revenue and Expenses

	May 2013	June 2013	July 2013	August 2013	September 2013	October 2013
Total Residential Sales (kwh) Recovery Rate	123,298,278	156,897,557	182,885,291	208,064,269	163,002,066	138,278,963
Total Residential Recovery	61,143	78,116	856'26	111,468	87,303	74,045
Residential Non-Conservation Discount Customers (kWh)	103,036,242	130,955,158	153,631,632	175,246,429	136,414,382	115,119,824
Recovery Rate	\$0.00050	\$0.00050	\$0.00054	\$0.00054	\$0.00054	\$0.00054
Residential Recovery	51,518	65,748	82,952	94,633	73,664	62,165
Residential Conservation Discount Customers (KWh)	20,262,036	25,942,399	29,253,659	32,817,840	26,587,684	23,159,139
Recovery Rate	\$0.00050	\$0.00050	\$0.00054	\$0.00054	\$0.00054	\$0.00054
Residential Recovery	10,131	12,971	15,797	17,722	14,357	12,506
Conservation Discount	(202)	(649)	(062)	(886)	(718)	(625)
Recovery Net of Discount	9,624	12,368	15,006	16,835	13,639	11,880
General Service Sales (kwh) (Non-Demand)	19,978,092	24,527,376	26,946,883	31,206,540	26,535,195	23,573,217
Recovery Rate	\$0.00050	\$0.00050	\$0.00047	\$0,00047	\$0.00047	\$0.00047
General Service Recovery	686'6	12,231	12,665	14,667	12,471	11,079
Demand Units (kw)	645,407	657,706	710,737	786,263	633,387	678,421
Demand Recovery Rate	0,12	0.12	0.12	0.12	0.12	0.12
Demand Recovery	77,449	78,925	85,288	94,352	76,006	81,411
Total Recovery	148,580	169,272	195,911	220,487	175,781	166,535
Jurisdictional Costs:	103,543	133,405	208,723	197,167	173,980	143,570
Over/(Under) Recovery	45,038	35,867	(12,812)	23,320	1,801	22,965
Adjustment						
Cumulative Recovery	773,489	809,355	796,543	819,863	821,664	844,629

				Gross Savings			Allocated Savings	183	2	DE Progress
			DE Carolinas	DE Progress	Combined	DE Carolinas		DE Progress	SC R	SC Retall portion
Infort Disparch		v	1 342 011 \$	126 551 \$	1 468 567	•	886.119 \$	582 443	v	67.773
Coal Blending					4,362,372			1,717,654	•	198,389
Coal Procurement			788,757	707,750	1,496,507		906,478	590,029		68,148
Coal Transportation			1,543,968	444,015	1,987,983	1	1,217,140	770,843		89,032
Reagents / By-products			199,788	290,028	489,816		296,944	192,872		22,277
Natural Gas Capacity			214,536		214,536		129,819	84,717		9,785
Natural Gas Trading		•	35,954	3,568,344 \$	10,055,730	8	21,771	3,952,740	45	1,638
Resource ratio %			60.34%	39.66%	100.00%					
System Billed Sales (MWH) including Power Agency SC Billed Sales (MWH) Sales allocation %	ing Power Agency									4,335,107 500,618 11,55%
Twelve Months Ending:	October 2013									
				Gross Savings		1	Allocated Savings	s\$u	De	DE Progress
			DE Carolinas	DE Progress	Combined	DE Carolinas		DE Progress	SCR	SC Retail portion
Joint Dispatch		v,	13,740,917 \$	18,168,441 \$	31,909,358	\$ 20	20,091,253 \$	11,818,105	40	1,263,646
Coal Blending			45,250,438	٠	45,250,438	24	24,707,351	20,543,087		2,218,215
Coal Procurement			7,261,307	8,995,570	16,256,877	91	10,210,853	6,046,024		645,833
Coal Transportation			8,259,722	4,916,292	13,176,014	20 *	8,417,686	4,758,328		514,973
Network Car Capacity			1,141,649	1,154,955	12 267 113	7 6	7,530,600	4 645 071		500 103
Natural Gas Trading			431.448		431,448		269,651	161.797		17.372
			88,352,593 \$	33,235,238 \$	121,587,831	\$ 72	72,849,441 \$	48,738,390	**	5,242,005
OCE1-10-0312:	October 2013									
	Target			Gross Savings			Allocated Savings	100	DE	DE Progress
			DE Carolinas	DE Progress	Combined	DE Carolinas		DE Progress	SC Re	SC Retall portion
Joint Dispatch	\$ 318,955,000	٠,	21,743,696 \$	19,657,111 \$	41,400,807	\$ 25	25,670,315 \$	15,730,492	vs.	1,717,604
Coal Blending					62,489,267	38	38,494,654	23,994,613		2,619,885
Coal Procurement	45,950,000		8,597,988	10,542,213	19,140,201	11	11,896,747	7,243,454		781,381
Coal Transportation	30,395,000		9,148,099	6,026,035	15,174,134	5	9,407,354	5,766,780		634,034
Reagents / By-products	12,800,000		1,479,988	1,634,335	3,114,323		1,902,646	1,211,677		132,482
Natural Gas Capacity	2,000,000		575 264		575 264		354 639	220,625		24 090
9	2000000	-					2001			Apple a